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FIG. 1

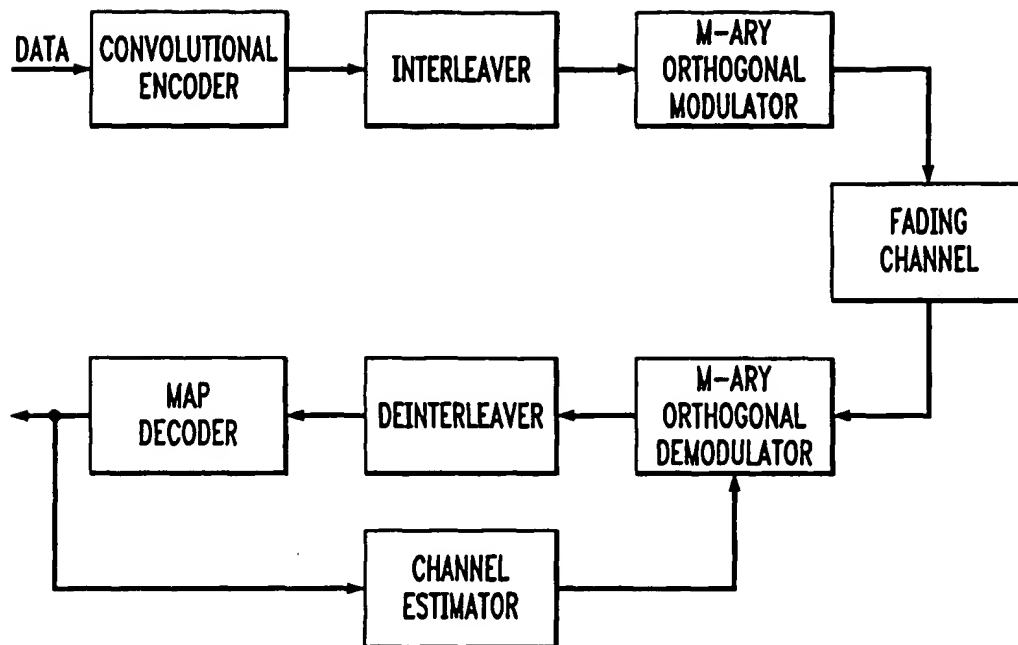


FIG. 2

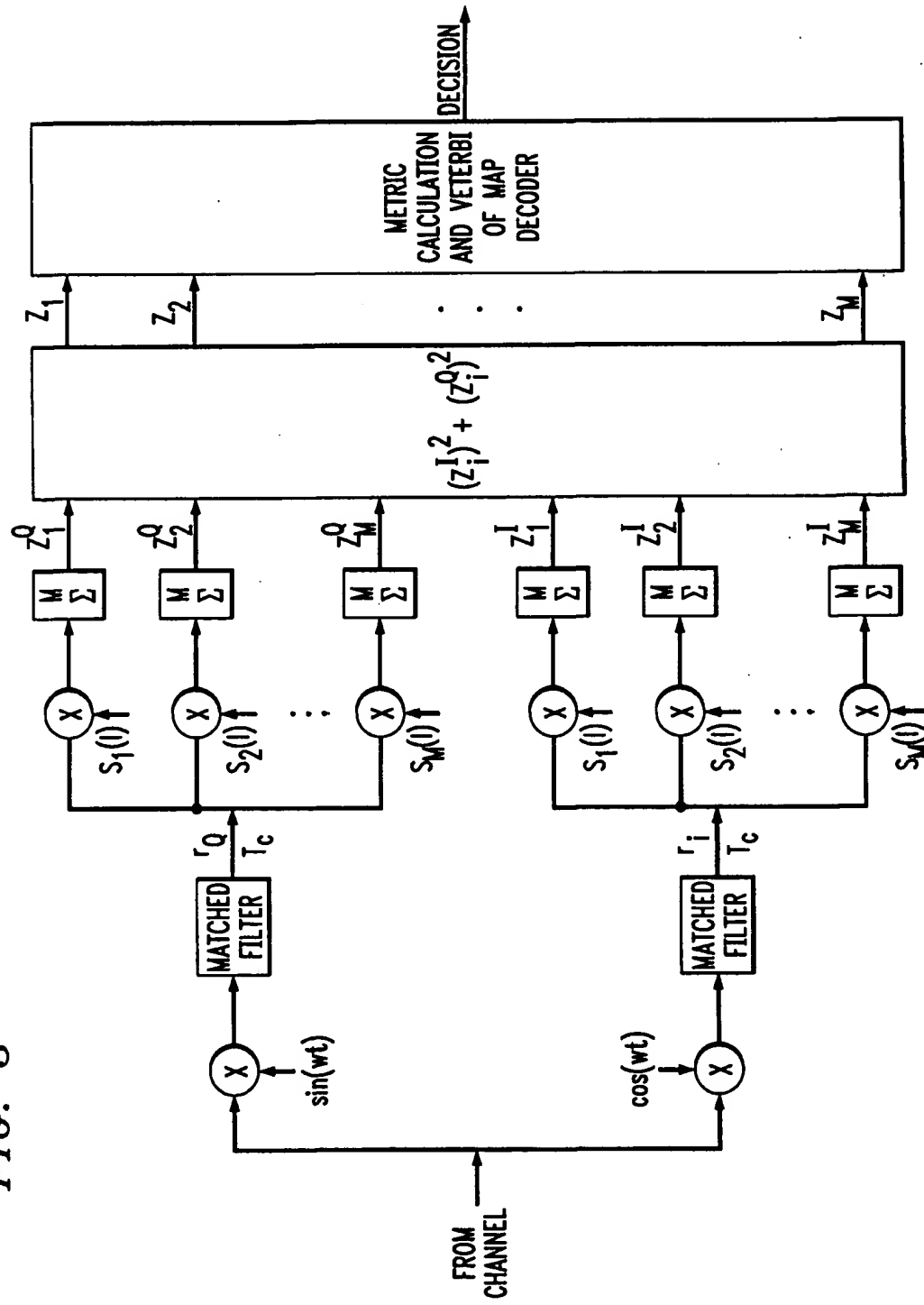
DATA	HADAMARD SYMBOL (M=4)
00	++++
01	+--+
10	++--
11	+-+-

TO GENERALIZE FOR $M=2^b$

$$H_M = \begin{bmatrix} H_{M/2} & H_{M/2} \\ H_{M/2} & -H_{M/2} \end{bmatrix}$$

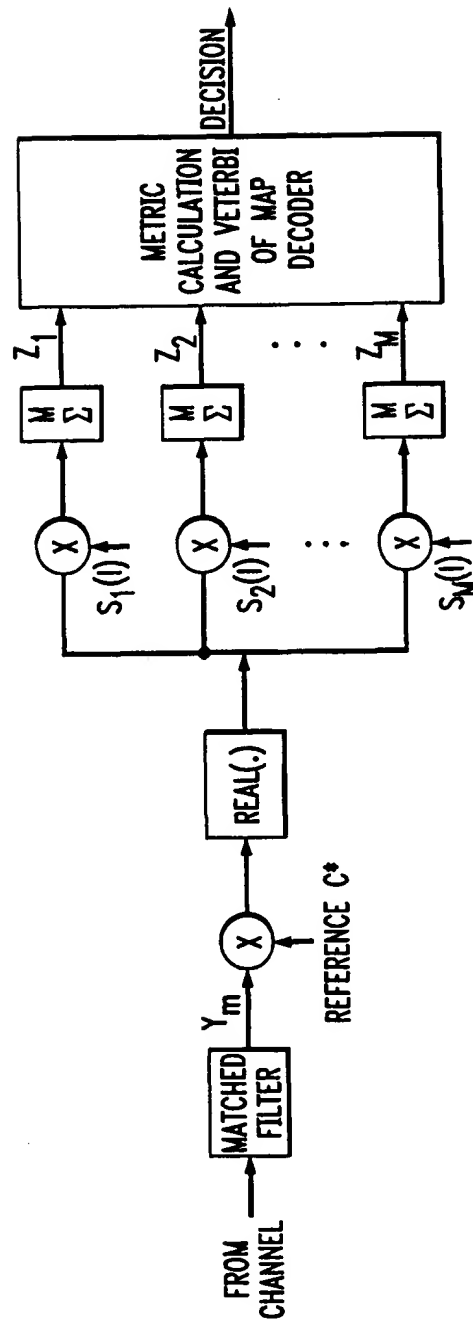
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FIG. 3



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FIG. 4



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FIG. 5

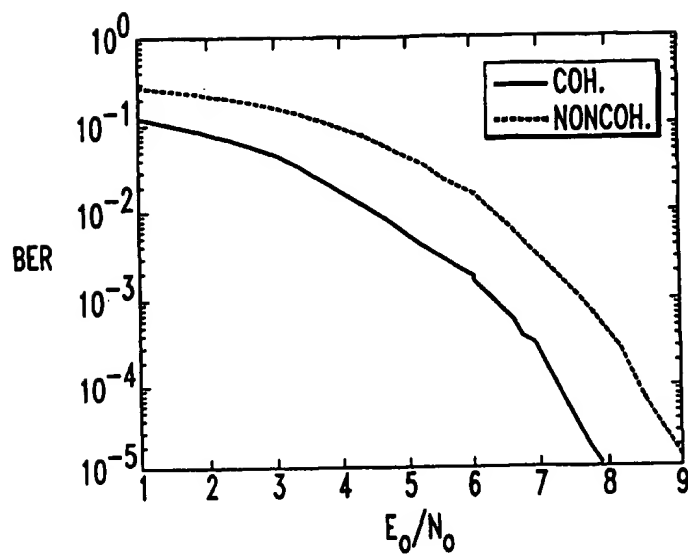
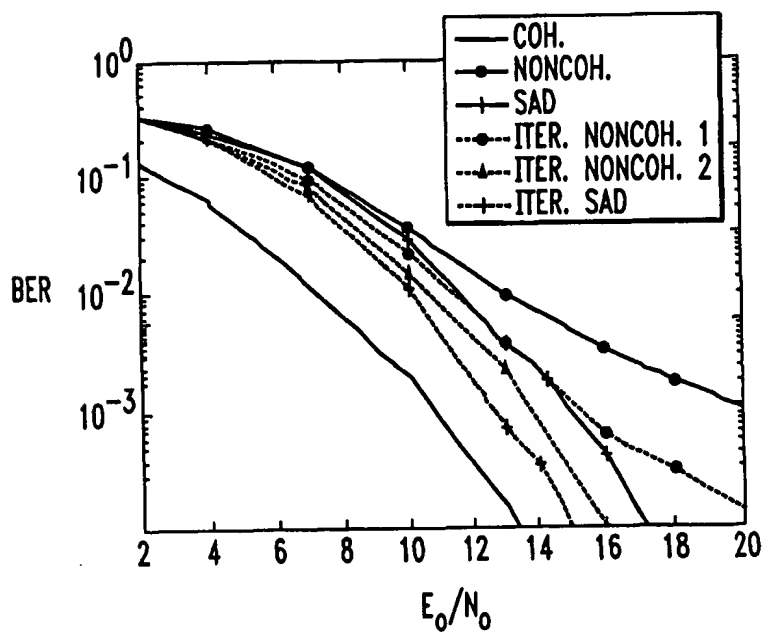


FIG. 6



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FIG. 7

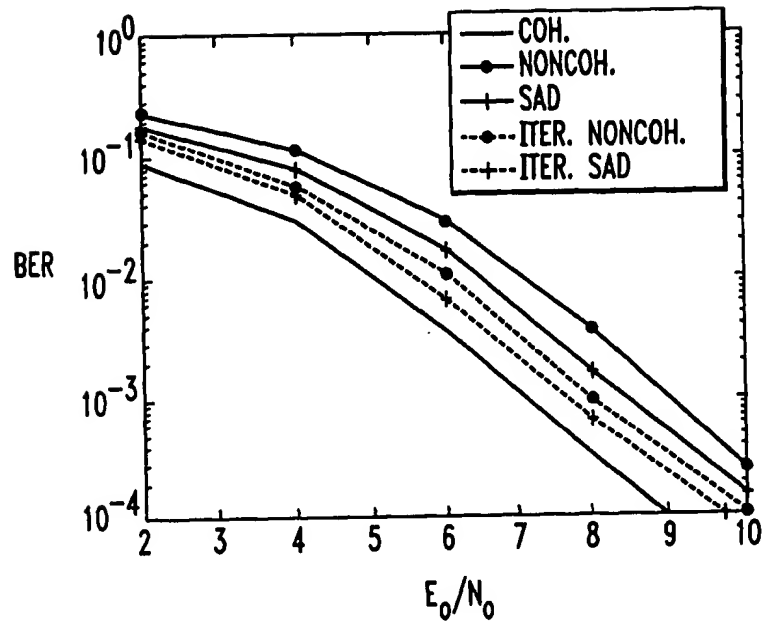
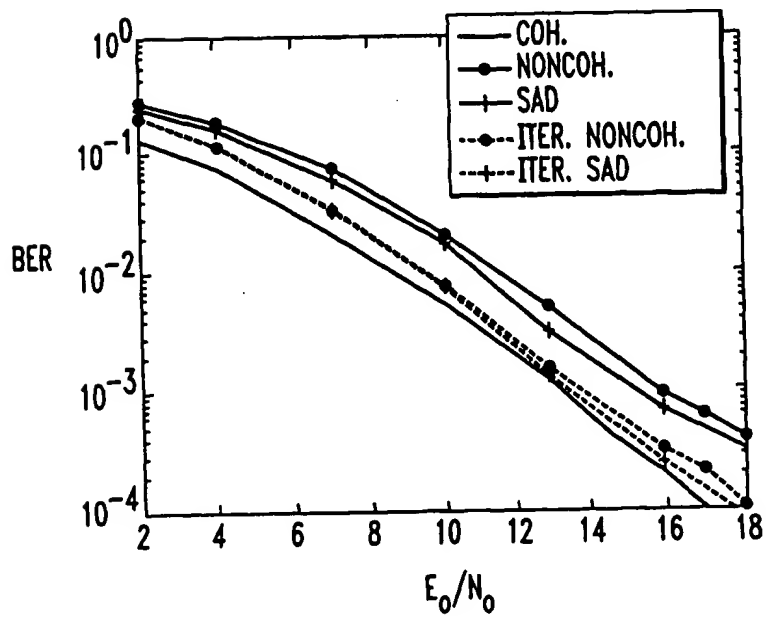


FIG. 8



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FIG. 9

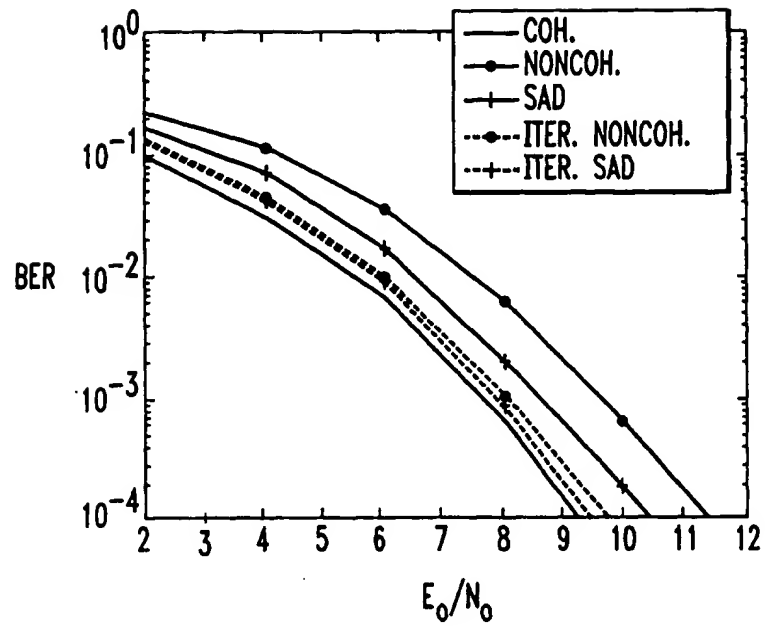
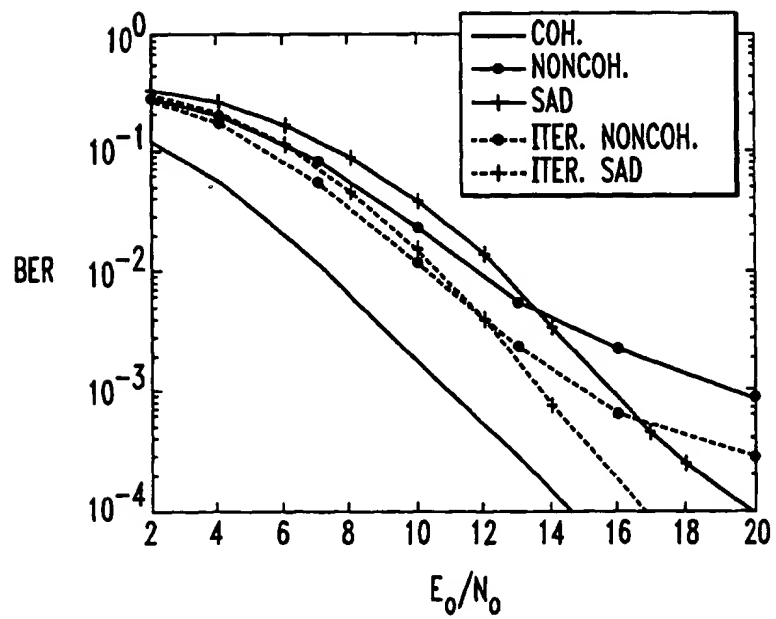


FIG. 10



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FIG. 11

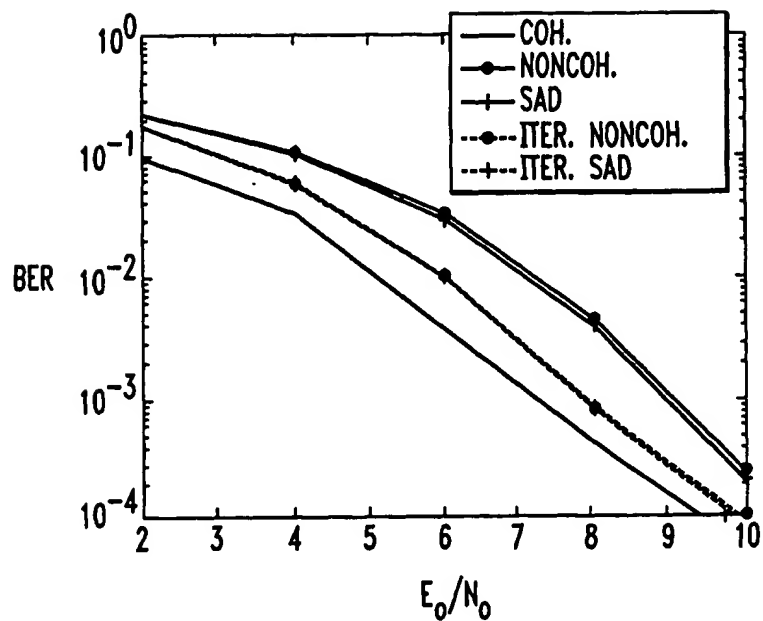
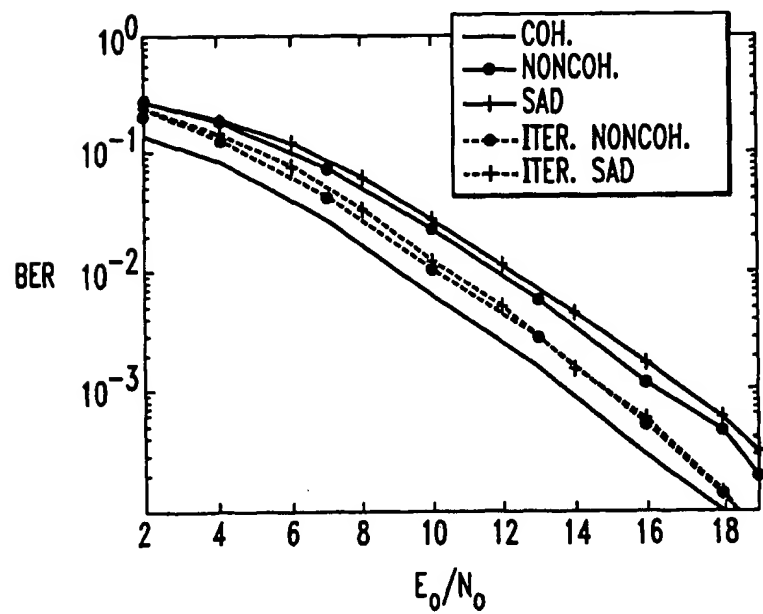
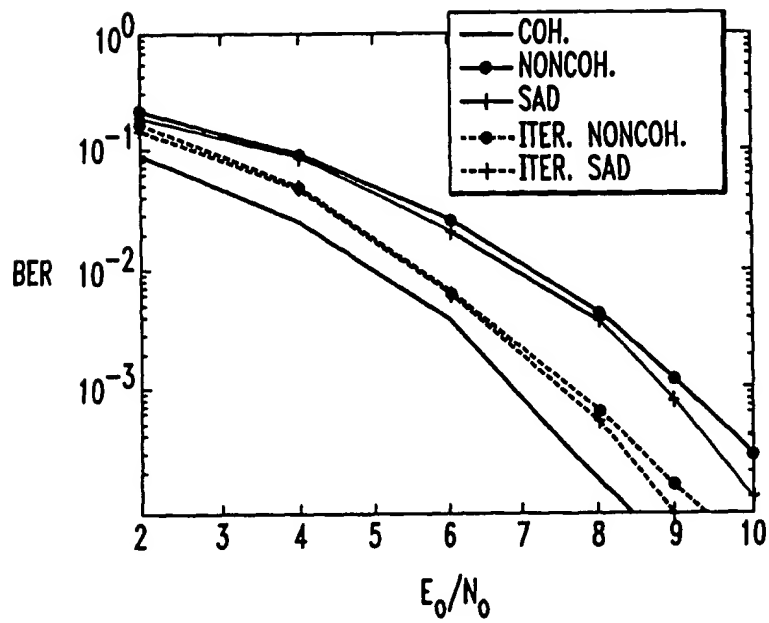


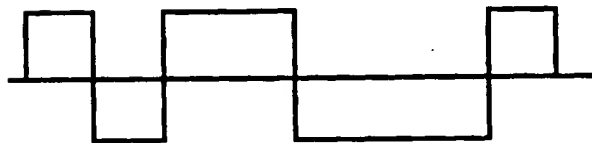
FIG. 12



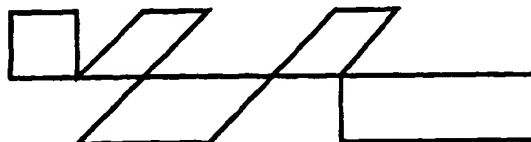
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FIG. 13*FIG. 14*

8 BPSK CHIPS 256 CODEWORDS (MOK)

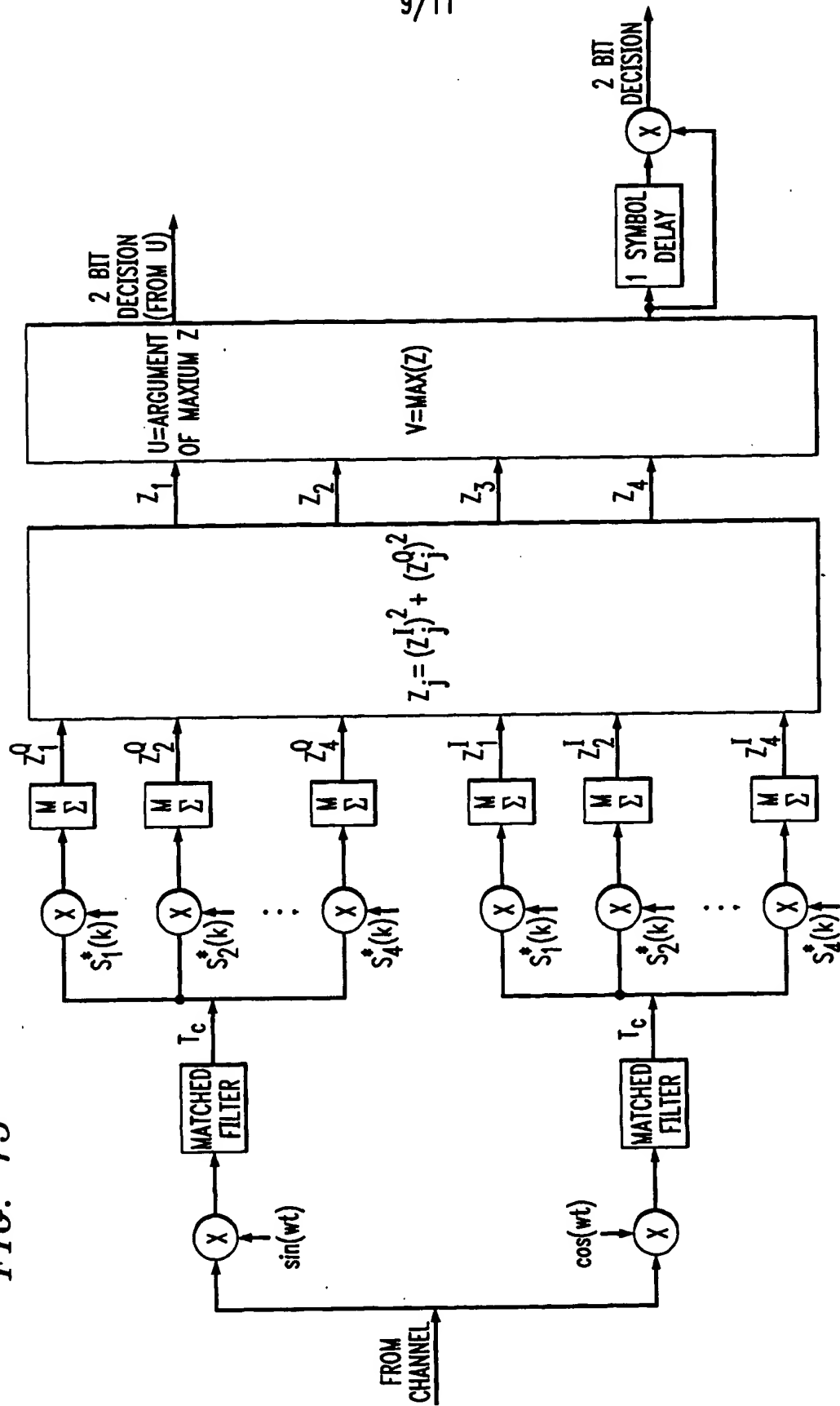


8 QPSK CHIPS 65536 CODEWORDS (CCK)



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FIG. 15



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FIG. 16

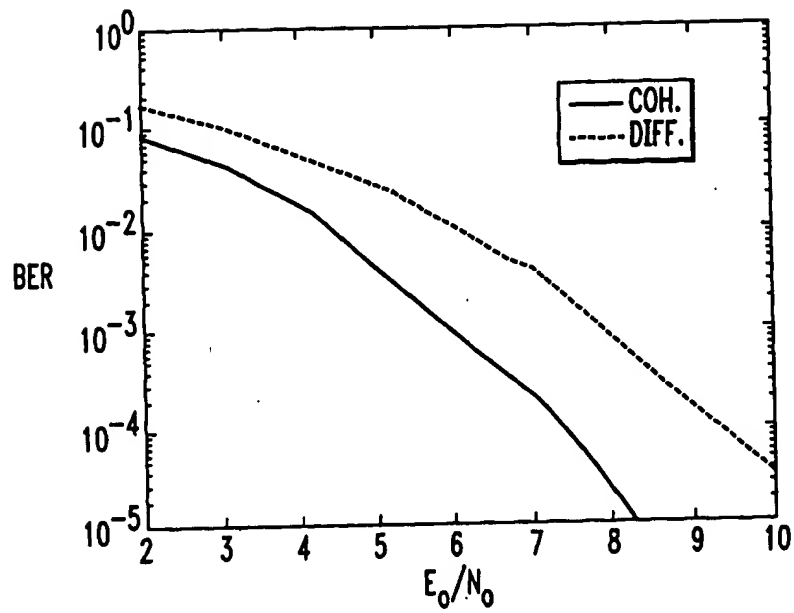
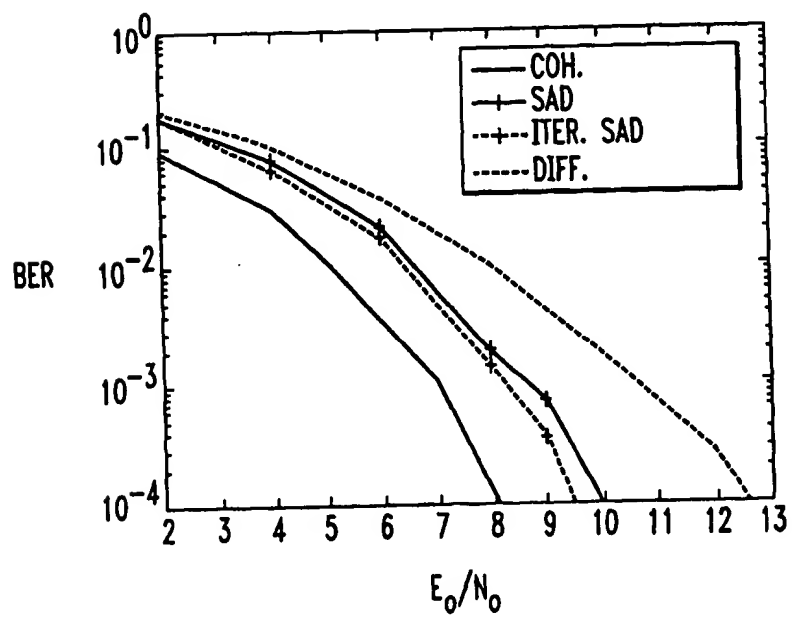


FIG. 17



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FIG. 18

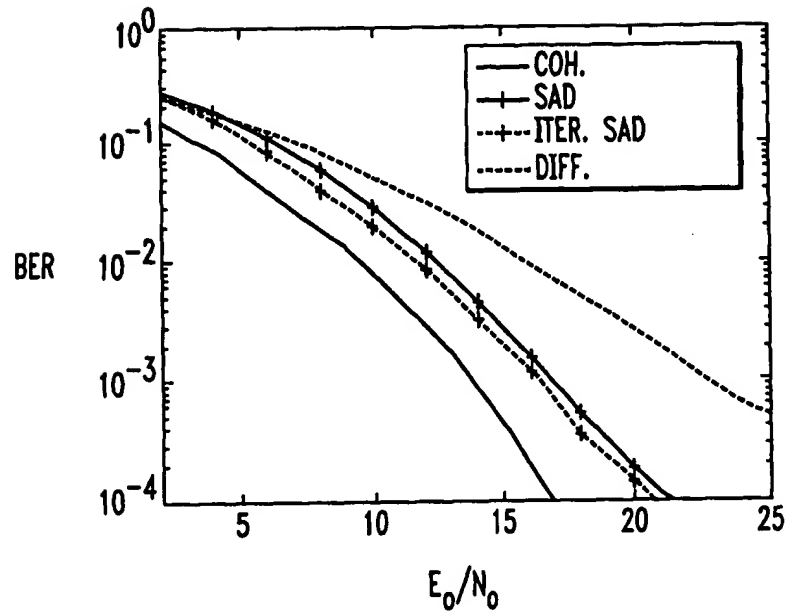


FIG. 19

